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ABSTRACT

The Video Instructional Development and Educational Opportunity Program (VIDEO), enacted by the General Assembly of the state of Missouri through Senate Bill 709, encourages all educational institutions in the state to supplement educational opportunities through the use of telecommunications technology, including instructional television programming and satellite broadcast instruction. VIDEO has three subprograms: (1) grants to public school districts, institutions of higher education, and public television stations for equipment and instruction; (2) development of instructional programs to be transmitted through the airwaves or by cable available free of charge to the public; and (3) development of instructional programs to be made available on a subscription basis. Grants for initial access, continuation, broadcast, program development, and discretionary funds for innovative projects are available under the VIDEO program. This report presents summaries of the activities of Year One and Year Two of the program and descriptions of representative programs from four districts which highlight the strengths that have emerged as VIDEO approaches its third year of implementation. Appendix A provides information on 1990-91 participation in the program by individual districts, including access (satellite, cable, Instructional Television Fixed Service-ITFS); purchases (television, videotape recorders, microcomputers, interactive video, stand-alone media courses); and the names of contact persons. (ALF)

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ED349948

Video Instructional Development and Educational Opportunity Program (Senate Bill 709)



1991

*Progress
Report*

Missouri Department of Elementary and Secondary Education
Robert E. Bartman, Commissioner of Education

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Purpose and Background

The Video Instructional Development and Educational Opportunity Program (VIDEO), enacted by the General Assembly in 1988 through S. B. 709, encourages all educational institutions in Missouri to supplement educational opportunities through the use of telecommunications technology, including instructional television programming and satellite broadcast instruction.

Three subprograms within the VIDEO program are:

1. grants to public school districts, public institutions of higher education, and public television stations for equipment and instruction;
2. development of instructional programs to be transmitted through the airwaves or by cable television, available free of charge to the public; and
3. development of instructional programs to be made available on a subscription basis.

Five types of grants are available under the program:

1. **INITIAL ACCESS GRANTS** in \$6,000 units based on student population and the number of instructional facilities to be used for:
 - a. acquisition of television reception and playback equipment such as satellite receivers, ITFS antennas, cable connections, television receivers, VCRs, laser disc players;
 - b. subscription fees for instructional television and course fees for media courses broadcast via satellite;
 - c. fees and stipends for staff training;
 - d. equipment maintenance; and
 - e. purchase of video tapes, both commercially prepared and blank, and laser discs (limited to 25% of state grant funds received).
2. **CONTINUATION GRANTS** in \$500 units, based on the number of initial access units acquired and expended in the previous year(s) to be used for:
 - a. course fees and subscription fees;
 - b. staff training fees;
 - c. telecommunication transmission charges;
 - d. equipment maintenance; and
 - e. video tapes, both commercially prepared and blank, and laser discs (limited to 25% of total state funds requested).
3. **BROADCAST GRANTS** to be awarded to Public Television Stations for the purposes of increasing the number of subscribing organizations and increasing the time available for on-site educational assistance.

4. PROGRAM DEVELOPMENT GRANTS to be awarded for development of instructional programming deemed useful according to a state-wide needs assessment.

5. DISCRETIONARY GRANTS to be awarded for projects that demonstrate innovative uses of video technology.

A 27-member advisory committee meets quarterly to oversee the program's progression and make recommendations for implementation of program components. The committee is also responsible for issuing a report to the State Board of Education and the General Assembly. Members of the committee include:

Felton Avery
Grandview C-4 Schools

Kathryn Mary Bennett
Villa Ridge, Missouri

Hal Berry
St Charles Community College

Coleman Burton
University of Missouri-Columbia

Robert Colville
Maryville, Missouri

Dr. Randy Dewar
St Joseph Schools

Robert Drummond
St Louis, Missouri

Dr. Ed Elliott
Central Missouri State University

Dr. D. Ronald Fanin
University of Missouri-Rolla

Dr. Wayne Giles
Metropolitan Community Colleges

James Hamilton
Buffalo, Missouri

Dr. Carl Hoagland
Regional Consortium for Education and Technology

Honorable Christopher Kelly
Missouri State Representative

James Kirkpatrick
Warrensburg, Missouri

Roger Lawrence
East Central College

Art Luebke
Ozarks Public Television

James Miller
Caruthersville, Missouri

Honorable Jay Nixon
Missouri State Senator

Carolyn Phelps
Carthage, Missouri

David Rector
Northeast Missouri State University

Ted Rohr
St Louis Community College

Dr. Richard Royston
New Franklin R-I Schools

Max Schlesinger
Missouri Western State College

Honorable Irene Treppler
Missouri State Senator

Dr. Gerald Troester
Cooperating School Districts

Honorable Beth Wheeler
Missouri State Representative

The Special State Instructional Programs section in the Division of Instruction of the Missouri Department of Elementary and Secondary Education administers the program with a staff of two professionals.

Summary Of Year One

During the first year of implementation of the VIDEO program, 458 local education agencies (LEAs), 21 institutions of higher education (IHEs), and 5 public broadcast stations applied for and received approximately \$4,500,000 in initial access and broadcast grants. Approximately 550,000 students in elementary, secondary, and college classrooms had access to live broadcast instruction for an average of 10.6 hours per week. In addition, 750 students participated in stand-alone courses delivered via satellite. The total appropriation for the program in FY 90 was \$5,133,240; expenditures were \$4,555,177.

INITIAL ACCESS GRANTS

In year one of the VIDEO program, 50 of the 93 elementary districts in the state (54%) applied for and received their total entitlement of \$6,000, matching with 10% of local funds. Four-hundred eight (408) high school districts (90%) applied for and received a minimum grant of \$6,000, matching with 10% local funds. Additionally, 126 districts received \$12,000 or more to reflect their larger populations and number of instructional facilities. Twenty-one institutions of higher education (100%) applied for and received \$6,000, \$12,000, \$18,000, \$24,000, or \$36,000 with one receiving \$60,000 (matching with 10% local funds), based on full-time student enrollment and the number of instructional facilities.

Funds were used by both LEAs and IHEs primarily for satellite receive and playback equipment, cable installation, subscription fees, course fees, and video tapes.

BROADCAST GRANTS

Grants totaling \$255,000 were distributed to five (5) public broadcasting stations in year one. Expenditures included \$53,000 for hiring additional staff to service school districts; \$50,000 for equipment purchase; and \$152,000 for program purchases.

PROGRAM DEVELOPMENT GRANT

Based on a state-wide assessment, four areas of greatest need were identified: writing skills, basic math skills, staff development, and Missouri History. Missouri History has been targeted for initial development. Programs developed or purchased under this program will be transmitted free of charge to the public at large, including public and non-public schools.

DISCRETIONARY GRANTS

The VIDEO advisory committee recommended that \$250,000 be earmarked for projects that demonstrate innovative uses of video technology. Proposals are competitive and all public institutions in Missouri are eligible.

MEDIA COURSES (STAND-ALONE COURSES)

Eleven media courses were approved for credit by the Missouri Department of Elementary and Secondary Education. Under the supervision of a teacher/monitor with required qualifications, students received graduation credit. Courses were offered in math, science, foreign language, economics, and English. Seven-hundred fifty (750) students in 61 districts participated.

DISSEMINATION AND TECHNICAL ASSISTANCE

During the summer and fall of 1989, 12 informational workshops were held across the state to assist with the initial application process. In the spring of 1990, 15 workshops were conducted to assist with the final completion reports and application procedures. Technical assistance is also available from the Special State Instructional Programs staff on a 12-month basis.

Summary Of Year Two

With the completion of the second year of implementation, the numbers again point to the success of the VIDEO program. **Fifty-five(55)** elementary districts, **445** high school districts, **20** institutions of higher education, and **5** public television stations applied for and received **\$4,922,767** in initial access, continuation, and broadcast grants. Video instruction in the classroom averaged **16** hours per week targeting science, social studies, foreign language, and language arts. Additionally **122** districts offered courses delivered via satellite including instruction in foreign language, math, and science. **Four(4)** projects were funded through the Discretionary Grant program for a total of **\$245,292**. Plans were also initiated to acquire state-wide rights for designated programming. Total appropriation for the program in FY 91 was **\$5,313,897**; total expenditures were **\$5,095,614**.

INITIAL ACCESS GRANTS

Initial access grants were received by 500 LEAs and 20 IHEs, based on full-time student enrollment and numbers of instructional facilities. Grants of \$6,000 were awarded to 335 LEAs and 5 IHEs; grants of \$12,000 went to 73 LEAs and 7 IHEs; grants of \$18,000 went to 29 LEAs and 3 IHEs; 12 LEAs received grants of \$24,000; 1 LEA received \$30,000; \$36,000 went to 5 LEAs and 4 IHEs; and 5 LEAs and 1 IHE received grants over \$36,000.

Note: Carryover of \$100 or more of initial access funds not expended the previous year was allowed to assist LEAs and IHEs in fully utilizing their allocation. All carryover monies were also matched with 10% of local funds.

Funds were used primarily to purchase satellite receive and playback equipment, install cable drops in classrooms, pay subscription and course fees, maintain equipment, and purchase video tapes. In addition, an increasing number of districts and colleges were able to acquire (within strict guidelines) interactive video apparatus such as video disc players, video discs, and the computers necessary to make the systems interactive.

CONTINUATION GRANTS

Year two marked the implementation of the continuation grants. Both LEAs and IHEs applied for and received one \$500 unit for each \$6,000 initial access unit expended the previous year. These funds were limited to payment of subscription and course fees, training of teachers, consultant fees and equipment maintenance. Continuation monies will be awarded throughout the remaining three years of the program based on total initial access units received and expended.

BROADCAST GRANTS

Grants totaling \$255,767 were distributed to five (5) public broadcasting stations during year two. Expenditures included \$178,839 for program purchase, \$34,222 for additional staff salaries, and \$7,600 for telecommunication charges.

PROGRAM DEVELOPMENT/DISTRIBUTION

Video programming was made available free of charge to all residents of the state in late spring through a cooperative effort of the Department of Elementary and Secondary Education, the Missouri School Board's Educational Satellite Network, the Cooperating School Districts of St Louis County, and the public broadcast stations. Future plans call for expanding this cooperative effort to make available a wider range of video programming, targeting staff development and content areas of special emphasis.

The preliminary stages of issuing a Request for Proposal (RFP) to develop a video-enhanced Junior High level history course have been completed. The RFP will be issued to the public during the 1991-92 school year.

DISCRETIONARY GRANTS

Four discretionary grant projects were established through a competitive selection process with 1 award of \$100,000 and 3 awards of \$50,000, \$45,751, and \$49,541. Thirteen applications from public school districts and institutions of higher education were received and reviewed by a three-person panel. Evaluation criteria (available to the applicants) targeted innovation, cost effectiveness and transportability. Those projects being implemented are:

RCET SOUTHWEST

Contact Person: James Tice

This \$50,000 project has assisted the establishment of RCET Southwest, a consortium of small school districts in SW Missouri, enabling them to fully utilize existing video technology. A by-product of this project will be a series of Video Instructional Modules (VIMs), produced by students and teachers, designed to enhance classroom instruction in a variety of content areas.

SPECIALIZED SCIENCE TOPICS FOR MISSOURI HIGH SCHOOL STUDENTS

Contact Person: David Garin

Funded at \$45,751, this project is producing a series of 20-minute video tapes on a variety of science topics ranging from Missouri caves to criminal justice investigations. Supporting print material will accompany each tape, and arrangements will be made to assure broadcast accessibility for all school districts.

SMSU VIDEO ADVISEMENT

Contact Person: Dr. Ruth Burgess

An integrated computer/ video interactive advisement system and a user handbook is being produced through this \$100,000 grant. The completed system will provide information on teacher certification and degree programs, as well as answer general advisement questions. Possible distribution to other institutions of higher education and use by high school students is also being considered.

VIDEO INSTRUCTION PROJECT

Contact Person: Jean McCreary

This two-phase project, funded for \$49,541, first utilizes a select group of teachers to construct modules dealing with the integration of video into the curriculum. The modules are then used as instructional units in a training class for district personnel involved in implementing video technology. Learning-Link, a nation-wide electronic database, provides a link to the latest technical information.

MEDIA COURSES (STAND-ALONE COURSES)

Credit courses in ten content areas were delivered via satellite to 122 districts. The breakdown of courses and student enrollment is as follows:

German I	183	German II	19
Spanish I	506	Spanish II	22
AP Physics	236	AP Calculus	24
AP Chemistry	11	AP American Govern	3
Applied Economics	18	Basic English	8

Total student enrollment tallied 1,064. Seventeen (17) districts offered two satellite courses, and five (5) districts implemented three courses.

VIDEO TECHNOLOGY CONFERENCE

Over 350 representatives of public school districts and institutions of higher education participated in a one-day video technology conference in October 1990. Keynote speaker, Senator Jay Nixon, author of Senate Bill 709, offered his vision of the future of the program and presented a technology challenge to an audience of school administrators and video coordinators. Break-out sessions included practical information on curriculum integration, program management, funding sources and equipment operation. The conference will expand to two days in 1991 and will offer additional help sessions in interactive video systems, teleconferences, and programming sources.

FOCUS

500 districts, representing rural, suburban, and urban areas across the state, are participating in the VIDEO program. The resulting diversity reflects the myriad approaches that economics, expertise, and expected outcomes dictate. Four districts, representing the many fine programs in operation, are highlighted here with a focus on the strengths that have emerged as VIDEO approaches its third year of implementation.

OSBORN R-O

BRUCE JOHNSON
SUPERINTENDENT

Osborn R-O is a rural school district in DeKalb County; population K-12 is 180 students. Superintendent Bruce Johnson is sold on the video program. In 1988-89, Osborn received an Incentive Grant, "Satellite Instruction," with a state budget of \$15,525. This enabled the district to acquire the necessary hardware (satellite receiving dish, monitors, VCR, computers) to offer two satellite-delivered courses for students: German I, which enrolled 8 students, and Advanced English for 4 students. When SB709 was enacted in 1988 and implemented during the 1989-90 school year, Osborn was able to use its funds to provide video access to all high school classrooms and to its elementary building. German II and Physics were offered to students, and faculty in the district had access to live broadcast programming. In 1990-91 students opted to study Spanish I via satellite; physics continues to be offered every other year as interest dictates. All faculty have been trained in the use of the equipment and all have access to programming guides available through ESN. Teachers who assist in the satellite classrooms receive training from the initiating institutions. Superintendent Johnson believes the Video program especially benefits his college-bound students (an average of 50% of the graduates go on to college) who would not be able to receive the necessary instruction in foreign language and science without the satellite courses. An additional benefit of the video program is the ability of the district to broadcast "in-house" to all the high school classrooms and the elementary multipurpose room simultaneously, thus allowing viewing and subsequent discussion to occur without mass movement of students.

NEW FRANKLIN R-I

DR. RICHARD ROYSTON
SUPERINTENDENT

With two instructional facilities and approximately 480 students, New Franklin R-I has spent the last five years developing a solid video program. In 1987-88 the district was awarded a state incentive grant, "Instruction by Satellite," with a state budget of \$12,039. German I and Physics were offered after the purchase of needed hardware. Distance education has continued to supplement instruction with 8 students enrolled in German I and II for the 1990-91 school year. German I and Physics will be offered again in 1991-92. The district has also developed a local video network (LVN) which provides multiple video capabilities for most classrooms (live satellite, cable, taped programs, and live programming from within the district). Last year, by blending an incentive grant, "Occupational and Career Development," with video monies, the district was able to deliver via the LVN a 7-12 career exploration program, with each classroom teacher becoming a partner in the development of career plans. The LVN has also been the medium for presenting drug and alcohol awareness and multicultural events. A major project for the 1991-92 school year will institute a junior-high level theme-based approach for non-core subject areas to be presented on the LVN. Group instruction as well as final student projects will be delivered via the media center. Vicki Hobbs, educational consultant for the district, targeted the LVN for promoting a cohesive, collaborative role among classroom teachers using the system. She also predicted more extensive and versatile use of the video medium as the district continues to fine-tune its program.

WAYNESVILLE R-VI

DR. JAMES BRADEN
SUPERINTENDENT

Waynesville R-VI with 11 buildings, 380 teachers, and 5,000 students prepared to implement the video program by establishing a 17-member committee to develop a five-year plan for the district. Established in the spring of 1989, the committee, composed of teachers, media directors, and administrators, was charged with exploring and developing two focal points: instructional television (ITV) and level III interactive video. A survey of each building about needs for utilizing ITV led to the development of a centralized video collection of all commercially-prepared tapes. All teachers have electronic and print access to this collection. Susan Morriss, coordinator of media services, oversees the publication of the media catalog, consisting of teacher-selected offerings, and coordinates the district preview and selection center. Additional support has been provided by the local public TV representative who has visited the district extensively, explaining ways to integrate ITV into the curriculum. The second focal point, interactive video, has been slowly implemented in response to a three-year plan to reach level III. The purchase of video disc players was followed by the purchase of bar code equipment. Now Macintosh computers, along with authoring software, are being added to the system--one in each elementary building and four in the high school. Inservice for faculty and media specialists has been on-going, with special attention being paid to the video leaders from each building.

CARUTHERSVILLE 18

ARNOLD BELL
SUPERINTENDENT

Caruthersville 18 has created a volunteer staff development program for its 102 teachers, who view an average of 5 different programs during the year. Through a building-level process, each teacher is able to select from all available offerings (accessible through ESN and TI-IN subscriptions) and schedule the most convenient time for participation. Most viewing takes place after regular school hours and sharing with other staff members is encouraged. In the 90-91 school year, over 100 hours of video participation in staff development was logged, including sessions in student discipline, teaching strategies, and major curriculum areas. District librarians are responsible for coordinating information and taping sessions for later viewing. Packets containing tapes and printed support materials are available throughout the year. The librarians also serve as in-house resource persons for technology support. The district is served by both cable and satellite in its four buildings. Distance education is offered each year; 1990-91 students enrolled in German I and Physics. German I and German II will be delivered via satellite for the 91-92 year serving approximately 15 students. Superintendent Arnold Bell has seen positive results from the video program. It has utilized a variety of resources to provide a workable method of integrating teachers into the system.

APPENDIX A
1990-91 PARTICIPATION

PARTICIPATION 1990-91

DISTRICT	ACCESS			PURCHASE				STAND-ALONE	CONTACT
	SATELLITE	CABLE	ITFS	TV	VCR	COMPUTER	INTERACTIVE		
Adair Co R-I	x	x		x	x				Marge Hindeman
Kirksville R-III	x	x		x					Larry Smith
Adair Co R-II	x	x		x	x			x	Harold Means
North Andrew R-VI	x			x	x			x	Michael Newman
Avenue City (E)	x			x	x				Mike Miller
Fillmore C-I	x	x	x	x	x			x	Steve Andes
Savannah R-III	x	x	x	x	x		x		Gary Porter
Tarkio R-I	x			x	x				John Wilcox
Rockport R-I	x	x		x	x				Roger Blakely
Fairfax R-III	x			x	x	x		x	Harold Brown
Community R-VI	x	x		x	x			x	Pamela Turner
Van Far R-I	x	x		x	x				Janie Hayden
Mexico 59	x			x	x				Dr. Roy Moeller
Wheaton R-III	x	x		x	x				Charles Toler
Southwest Barry R-V	x			x				x	Dr. Charles Cudney
Exeter R-VI	x	x		x		x			Marvin Spragg
Cassville R-IV	x	x		x	x				Jack Farrow
Purdy R-II	x	x		x	x				John Garton
Shell Knob 78 (E)	x								Sandra Cupps
Monett R-I	x		x	x	x				Dr. Thomas Kurucz
Liberal R-II	x	x		x	x				Cheri Quillan
Golden City R-III	x	x							Gary Kaufman
Lamar R-I	x			x				x	Barbara Burns
Miami R-I	x			x		x	x	x	Lonnie Clair
Ballard R-II	x								Paul Brink
Adrian R-III	x	x		x		x	x		Vic Kretzschmar
Rich Hill R-IV	x			x		x			Michael Mendor
Hume R-VIII	x			x	x	x			Dr. Elaine Brame
Butler R-V	x	x		x	x				Kay Wright
Lincoln R-II	x	x						x	Dr. David Decker
Warsaw R-IX	x	x	x	x	x				Gaye Lee
Benton Co R-X(E)	x		x						
Cole Camp R-I	x			x	x				Jay Fajen
Meadow Heights R-II	x			x	x			x	Thomas Waller
Leopold R-III	x	x				x		x	Robert Turner
Zalma R-V	x			x	x				William Pogue
Woodland R-IV	x	x		x	x				Ron Wene
Southern Boone R-I	x	x		x	x				Carol Cronhardt
Boone Co R-IV	x			x	x				Douglas Stinson
Sturgeon R-V		x		x	x				Elaine Stockton
Centralia R-VI	x	x		x		x	x		Jeff White
Harrisburg R-VIII	x			x	x				Terri Brunner

DISTRICT	ACCESS			PURCHASE				STAND-ALONE	CONTACT
	SATELLITE	CABLE	ITFS	TV	VCR	COMPUTER	INTERACTIVE		
Columbia		x					x		Dr. Bert Schulte
East Buchanan C-I	x			x	x			x	Roger Adamson
Mid Buchanan R-V	x			x	x		x		Paul Karlin
St Joseph	x	x		x	x				Rick Hartigan
Neeleyville R-IV	x			x	x				John Green
Poplar Bluff R-I	x	x		x	x			x	Ron McQuin
Twin Rivers R-X	x			x	x				Joe Knodell
Breckenridge R-I	x	x		x	x			x	Carol Jones
Hamilton R-II	x	x		x	x				Thomas Trail
Cowgill R-VI		x		x	x	x	x		Lesa Haley
Polo R-VII	x				x			x	Kenneth Schaeffer
Mirabile C-I (E)	x								Pamela Kirkpatrick
Braymer C-4	x	x		x	x	x	x	x	Tricia Fuhr
North Callaway R-I	x			x	x			x	Margetta Feltner
Mo School for the Deaf	x			x	x				Robert Alexander
Callaway Co R-III	x	x		x	x			x	Dr. Joe Phillips
Fulton 58	x			x	x				Donn Quick
South Callaway R-II	x			x	x			x	Earl Williamson
Camden Co R-II	x		x	x	x				Carla Crabtree
Camdenton R-III	x	x		x	x				Donna Ham
Climax Springs R-IV	x	x		x	x			x	Dr. Nila Tritt
Macks Creek R-V	x			x	x				William Jones
Jackson R-II	x	x		x	x				Fred Jones
Delta R-V	x			x	x		x		Pat Dooley
Oak Ridge R-VI	x			x	x				Duane Schindler
Cape Girardeau	x	x		x	x				James Englehart
Nell Holcomb R-IV	x			x	x				
Hale R-I	x	x		x	x	x			Harold Halter
Tina-Avalon R-II	x			x	x			x	Merl O'Neal
Bosworth R-V	x	x		x	x			x	Robert Moseley
Carrollton R-VII		x		x	x				Ken Cornwell
East Carter R-II	x			x	x			x	Dan Doerhoff
Van Buren R-I	x			x				x	Judy Oakley
Cass Co R-V	x	x		x	x				William Gordon
Strasburg C-3 (E)	x								G. Darwin Brower
Raymore-Peculiar R-II	x			x			x		Ross Tullis
Sherwood R-VIII	x	x							Donald Lovland
East Lynne (E)	x		x						Barbara Yates
Pleasant Hill R-III	x	x		x	x				H. Mitchell Hanna
Harrisonville R-IX	x	x							Dr. John Urkevich
Drexel R-IV	x			x	x				Richard Larson
Midway R-I	x				x	x		x	Dr. Bill Akers

DISTRICT	ACCESS			PURCHASE				STAND-ALONE	CONTACT
	SATELLITE	CABLE	ITFS	TV	VCR	COMPUTER	INTERACTIVE		
Belton 124		x		x	x				Larche Farrill
Stockton R-I	x			x	x				Dr. Raymond Scott
El Dorado Springs R-II	x			x	x				Georgia Detwiler
Northwestern R-I	x	x		x	x			x	Frank Darling
Brunswick R-II	x	x		x	x				Llenell Richardson
Keytesville R-III	x			x	x			x	Dr. Francis Moran
Salisbury R-IV	x			x	x		x		Dr. Roger Dorson
Chadwick R-I	x			x	x			x	David Ellsworth
Sparta R-III	x	x		x	x				Albert Winkle
Billings R-IV	x		x	x	x				Ron Talley
Clever R-V	x	x	x	x	x		x		Larry Hale
Ozark R-VI	x			x	x		x		Paul Skeans
Spokane R-VII	x			x	x				Mary Wade
Revere C-3	x			x	x				Sandra Thrasher
Clark Co R-I	x	x	x						Carla Derrick
Kearney R-I	x			x	x				Frank Buell
Smithville R-II	x	x		x	x				David Legaard
Excelsior Springs	x	x	x	x	x				Dr. Wayne Woolsey
Liberty 53	x	x		x		x	x		Carol Makemson
Missouri City (E)		x							Linda Rogge
North Kansas City	x		x	x	x				Truman Burton
Cameron R-I	x	x		x	x				Randall Relford
Lathrop R-II	x	x		x	x				Gerald Snodgrass
Clinton Co R-III	x	x							Gayle Geiger
Cole Co R-I	x	x		x	x				Jay Acock
Cole Co R-II	x	x		x		x	x		Larry Reed
Cole Co R-V	x		x	x	x				Greg Wilson
Jefferson City	x	x		x	x				Winston Rutledge
Blackwater R-II (E)	x								Marcia Eilers
Cooper Co R-IV	x	x		x	x	x		x	Elvin Farquhar
Prairie Home R-V	x	x		x	x	x			Gene Adkison
Oterville R-VI	x			x	x	x		x	Larry Hagedorn
Cooper Co C-4	x	x		x	x			x	Virginia Hollon
Boonville R-I	x	x		x	x		x		Dr. Greg Gettings
Crawford Co R-I	x	x		x	x				Waymon Boast
Crawford Co R-II	x			x	x				Larry Clark
Steelville R-III	x			x			x		Dr. Dale Houck
Lockwood R-I	x								Kenneth Wilson
Dadeville R-II	x								Henry McBride
Everton R-III	x			x	x				Leon Haden
Greenfield R-IV		x		x	x				Sue Charles
Dallas Co R-I	x			x	x				Tom Darnell
Pattonsburg R-II	x	x		x	x				Bruce Lawson
Winston R-VI	x				x	x		x	Nylen Lewis

DISTRICT	ACCESS			PURCHASE				STAND-ALONE	CONTACT
	SATELLITE	CABLE	ITFS	TV	VCR	COMPUTER	INTERACTIVE		
North Daviess	x			x	x			x	William Couldry
Gallatin R-V	x	x		x	x				James Ruse
Tri-County R-VII	x			x	x			x	Art Heriford
Osborn R-I	x	x		x	x	x		x	Bruce Johnson
Maysville R-I	x	x				x		x	Glenda McManus
Union Star R-II		x		x	x				Belinda Pearl
Stewartsville C-2	x			x	x			x	Gaylon Whitmer
Salem R-80	x	x							Keith Robertson
Green Forest R-II (E)	x			x	x				Susan Gordon
Dent-Phelps R-III (E)	x			x	x				Cindy Scott
Plainview R-VIII (E)	x			x					Marjorie Voyles
Ava R-I	x	x							Dorothy Norman
Malden R-I	x								James Whitledge
Campbell R-II	x	x		x	x			x	Steve Bounds
Holcomb R-III	x			x				x	Joe Morrow
Clarkton C-4	x			x	x				Richard Reynolds
Senath C-8	x			x	x				Mary Moore
Southland C-9	x	x		x	x			x	Michael Back
Kennett 39	x	x		x	x			x	James Finch
Franklin Co R-II (E)	x			x	x				Alinda Mahon
Meramec Valley R-III	x		x	x	x		x		Robert Thomas
Union R-XI	x	x		x	x				Ron Sohn
Lonedell R-XIV (E)			x	x	x				VeAnn Tilson
Franklin Co R-XVI (E)	x								Robert Falast
St Clair R-XIII	x			x	x				John Cheatham
Sullivan C-2	x			x	x			x	Garry Keltner
New Haven	x			x	x			x	Robert Moran
Washington		x		x	x				Dr. Jane Johnson
Gasconade R-II	x			x	x				Leslie Witte
Gasconade R-I	x	x		x	x				Christopher Arand
King City R-I	x	x							Terry Karr
Gentry Co R-II	x	x							Gerald Shineman
Albany R-III	x	x		x	x		x		Marilou Rogers
Willard R-II	x	x		x	x				Jerry Bouse
Republic R-III	x	x		x	x				Debbie McMurtrey
Ash Grove R-IV	x	x	x	x	x				B. B. McDonald
Walnut Grove R-V	x	x		x	x				Lee Creemer
Strafford R-VI	x	x			x		x		James Tice
Green Co R-VIII		x		x	x				Albert Erb
Springfield R-XII	x	x		x	x				Philip Jenkins
Fair Grove R-X	x	x		x	x				David Hunter
Grundy Co R-V	x			x	x				Harry Wheeler
Spickard R-II (E)	x			x	x				Kenneth Wilson
Laredo R-VII (E)	x	x		x	x				Gary Henry

DISTRICT	ACCESS			PURCHASE				STAND-ALONE	CONTACT
	SATELLITE	CABLE	ITFS	TV	VCR	COMPUTER	INTERACTIVE		
Grundy Co R-IX	x	x		x	x				Gary Howren
Cainsville R-I	x	x		x	x			x	James Fiete
South Harrison R-II	x	x		x			x	x	Dr. Ed Musgrove
North Harrison R-III	x			x	x			x	David Cross
Gilman City R-IV	x	x		x	x	x		x	Lyle Oliver
Windsor R-I	x	x		x	x				Frances Moore
Shawnee R-III (E)	x								Sandy Hutchinson
Calhoun R-VIII	x	x	x	x	x	x		x	Leonard Filla
Leesville R-IX (E)	x			x	x			x	Pat McGinness
Davis R-XII (E)	x								Carla Crump
Montrose R-XIV	x			x	x			x	Bob Campbell
Clinton	x			x	x	x	x		Sandra Braithwait
Hickory Co R-I	x		x	x	x				Richard Harris
Wheatland R-II	x	x		x	x		x		Don Hotalling
Weableau R-III	x			x	x			x	Leland Foster
Hermitage R-IV	x	x		x	x				Dennis McCullough
South Holt R-I	x	x		x	x				Dr. George Munro
New Franklin R-I	x	x		x	x			x	Kelvin McMillin
Fayette R-III	x	x		x	x				Maureen Graham
Howard Co R-II	x	x		x		x	x		Larry Flanagan
Howell Valley R-I (E)	x	x		x	x				Casus Baird
Peace Valley C-2 (E)	x			x	x				J. D. Baltz
Mtn View-Birch Tree R-III		x		x	x				Mary Borman
Willow Springs R-IV		x		x	x				Dr. John Enloe
Richards R-V	x			x	x				Don Hamby
West Plains R-VII	x	x							Dr. James Burham
Glenwood R-VIII (E)	x			x	x				Robert Arnold
Junction Hill C-12 (E)	x								Lawrence Nevils
Fairview R-XI (E)	x		x	x					John Burkhead
South Iron R-I	x			x	x				James Thomas
Arcadia Valley R-II	x			x	x		x	x	Lisa Dillard
Iron County C-4	x			x	x				Jim Porter
Fort Osage R-I	x			x	x				Gary Brock
Blue Springs R-IV		x				x	x		Dr. Dick Howard
Grain Valley R-V	x	x		x	x				David Hackett
Oak Grove R-VI	x			x	x				Judy Word
Lee's Summit R-VII	x	x	x	x			x		Sharon Early
Hickman Mills C-I	x		x	x	x				Michael Booth
Raytown C-2	x	x		x		x	x		Henry Russell
Grandview C-4	x	x		x			x		Jerry Thornsberry
Lone Jack C-6	x			x				x	Dorothy Dumas
Independence	x	x		x	x				Marcia Haskin
Kansas City	x								Grace Bridgeford
Center 58	x			x		x	x		Ronald Gray

DISTRICT	ACCESS			PURCHASE				STAND-ALONE	CONTACT
	SATELLITE	CABLE	ITFS	TV	VCR	COMPUTER	INTERACTIVE		
Carl Junction R-I	x	x		x	x				Bob Collier
Avilla R-XIII (E)			x						Danny Friend
Jasper R-V		x		x	x				Bob Arnold
Sarcoie R-II	x		x	x	x				Ellis Sneed
Carthage R-IX	x	x		x	x				Dr. Howard Smith
Webb City R-VII	x	x		x	x				Dr. Greg Smith
Joplin R-VIII	x	x		x	x				Ross Lauck
Northwest R-I	x			x	x			x	Dr. William Freeman
Grandview R-II	x			x	x				Gerald Moenster
Hillsboro R-III	x	x		x	x				Larian Johnson
Dunklin R-V	x	x		x	x				James Whitmer
Festus R-VI	x	x		x	x				Dr. Terry Coleman
Jefferson Co R-VII (E)	x			x	x	x			Diana Vittetoe
Sunrise R-IX (E)	x			x	x				James Jamieson
Windsor C-1	x			x	x				Randall Boyer
Fox C-6	x	x	x	x	x		x		Richard Simpson
Crystal City	x								David Stader
DeSoto 73		x		x			x		Larry Twellman
Kingsville R-I	x			x	x				Larry Potthast
Holden R-III	x	x						x	Robert Hoffman
Chilhowee R-IV	x		x	x	x			x	Dr. Jerry Merrell
Johnson Co R-VIII	x							x	Ray Patrick
Knob Noster R-VIII	x	x		x	x				John Brummel
Leeton R-X	x	x		x	x	x		x	Ralph Spurrier
Warrensburg R-VI	x	x		x	x				Joyce Miller
Knox Co R-I	x	x				x		x	Dr. Mark Yehle
Competition C-2 (E)	x			x	x				Sandy Hogue
Laclede Co R-I	x	x		x	x				Dr. Larry Ament
Gasconade C-4 (E)	x								Lena Sexton
Lebanon R-III	x		x	x	x				Larry Wheelles
Laclede Co C-5 (E)	x								Susan Duffy
Concordia R-II	x			x	x				Philip Dorth
Lafayette Co C-1	x		x	x	x				Ray Sutherland
Odessa R-VII		x		x	x				Sandra Sloan
Lafayette Co R-X	x			x	x		x	x	Bill Moyer
Wellington Mapoleon R-IX	x			x	x				A. Gilliam
Lexington R-V	x		x	x	x				Ron McMullin
Miller R-II	x	x		x	x				James Young
Pierce City R-VI	x			x	x				Gene Rice
Marionville R-IX	x	x		x	x		x		Ron Bilyeu
Mr Vernon R-V	x	x		x	x		x		Dennis Cooper
Aurora R-VIII	x			x	x				Ron Wilken
Verona R-VII	x	x		x	x				J. H. Walthall
Canton R-V	x			x			x		William Ray

DISTRICT	ACCESS			PURCHASE				STAND-ALONE	CONTACT
	SATELLITE	CABLE	ITFS	TV	VCR	COMPUTER	INTERACTIVE		
Lewis Co C-1	x	x		x	x			x	Dr. William Cornett
Silex R-I	x		x	x	x			x	Clinton Waters
Elsberry R-II	x	x		x	x			x	Winston Bailey
Winfield R-IV	x	x		x	x				Lyle Laughman
Linn Co R-I	x			x	x			x	Ronald Wagner
Bucklin R-II	x	x	x			x		x	Charlotte Nickerson
Meadville R-IV	x			x	x		x		Kenneth Dudley
Marceline R-V	x			x	x				Tom Hauser
Brookfield R-III	x			x	x				Ted Davis
Wheeling R-IV	x	x		x		x		x	Betty Ireland
SW Livingston R-I	x			x	x			x	Franklin Schottel
Chillicothe R-II	x			x	x				Allen Stephens
McDonald Co R-I		x		x	x			x	Reta Parnell
Atlanta C-3	x	x		x	x				Kim Gaines
Bevier C-4	x	x		x	x				Sue Martin
La Plata R-II	x	x		x	x				Marilyn Cokerham
Macon Co R-I	x	x		x	x				J. D. King
Callao C-8 (E)		x							Jim Christal
Macon Co R-IV	x			x	x				Mitzi Roberts
Marquand R-VI	x			x					Gerald Deardorff
Fredericktown R-I	x			x	x				Donald Goodman
Maries Co R-I	x			x	x				Jimmie Dean
Maries Co R-II	x	x		x	x			x	Harold McCoy
Marion Co R-II	x					x		x	Randy Spratt
Palmyra R-I	x			x	x				Paul James
Hannibal 60	x	x		x					George Derrieux
North Mercer R-III	x							x	William Casey
Princeton R-V	x	x						x	Mike Parnell
Eldon R-I	x	x		x	x				June Bruner
Miller Co R-III	x		x	x	x				Roy True
St Elizabeth R-IV	x			x	x				Richard Nagle
School of the Osage	x	x		x	x				Dr. Sharon Price
Iberia R-V	x			x	x				Stan Johnson
East Prairie R-II	x	x	x						Jared Williams
Charleston R-I	x			x					Bill Bacchus
Moniteau Co R-I	x	x		x	x			x	Phillip Lewis
High Point R-III (E)	x			x	x				William Dicus
Moniteau Co R-V	x			x	x				Tena Potts
Moniteau Co R-VI	x	x		x	x	x		x	Sam Bayne
Moniteau Co C-1	x			x	x				Kenneth Tipton
Clarksburg C-2	x								Elizabeth Fish
Middle Grove C-1 (E)	x			x	x				Cindy Giovanini
Monroe City R-I	x	x		x	x		x		Kathy McClintic
Holiday C-2 (E)	x			x	x				Carol Hall

DISTRICT	ACCESS			PURCHASE				STAND-ALONE	CONTACT
	SATELLITE	CABLE	ITFS	TV	VCR	COMPUTER	INTERACTIVE		
Madison C-3	x	x		x	x				Paul Franklin
Paris R-II	x			x	x				Dan Gordon
Wellsville-Middleton		x		x	x				Ronald Harlan
Montgomery Co R-II	x	x		x	x				Mike Lord
Morgan Co R-I	x	x		x	x			x	Brenda Steffens
Morgan Co R-II	x	x		x	x				Helen Willis
Portageville	x			x	x			x	John Thomas
Gideon 37	x	x		x	x				James Evans
New Madrid R-I	x	x		x	x	x	x		Paul Hill
East Newton R-VI	x	x		x	x				Jack Andris
Diamond R-IV	x	x		x	x				James Paullus
Westview C-6 (E)	x		x	x	x				Donna Schmidt
Seneca R-VII	x	x		x	x			x	Anne Shadwick
Neosho R-V	x	x		x	x				Betty Cagle
Nodaway -Holt R-I	x			x	x				John Zeliff
West Nodaway R-I		x		x	x				Douglas Henry
Northeast Nodaway R-V	x			x	x	x		x	Tim Gutzmer
Jefferson C-123	x	x					x	x	Jerry Archer
North Nodaway R-VI	x	x						x	Ina Claire Lister
Maryville R-II	x	x		x	x				Paul Coffman
South Nodaway R-IV	x	x		x	x				Warren Denney
Couch R-I	x			x	x				Doyle Wood
Thayer R-II	x	x	x	x	x			x	Mark Arnold
Oregon-Howell R-III	x			x	x				Darrell Cook
Alton R-IV	x			x	x				Billy Smith
Osage Co R-I	x	x		x	x				Vernon Alton
Osage Co R-II	x			x	x				Brian Kirk
Osage Co R-III	x				x			x	Marge Kudrna
Thornfield R-I (E)	x			x	x				G. Dean Anders
Bakersfield R-IV	x		x	x	x			x	Gary Pitchford
Gainesville R-V	x	x		x				x	Janice Blisard
Dora R-III	x		x					x	Donald Collins
North Pemiscot R-I	x			x	x				Edward Brogdon
Hayti R-II	x			x	x			x	Dianne Myracle
Pemiscot Co R-III	x		x						John Sellars
Cooter R-IV	x			x	x				Floyd Wilson
South Pemiscot R-V		x		x	x				Sandra Simmons
Pemiscot Co C-7	x			x	x			x	George Byers
Caruthersville	x	x		x	x			x	Arnold Bell
Pemiscot Co Spec	x			x	x				Russel Gilmore
Perry Co	x	x		x					Phillip Tucker
Altenburg (E)	x	x							Richard Hoffman
Pettis Co R-V	x			x	x			x	Eldon Kreisil
LaMonte R-IV		x		x	x				Douglas Domer

DISTRICT	ACCESS			PURCHASE				STAND-ALONE	CONTACT
	SATELLITE	CABLE	ITFS	TV	VCR	COMPUTER	INTERACTIVE		
Smithton R-VI			x	x	x			x	Donald Zumsteg
Green Ridge R-VIII	x	x		x	x				Olin Parker
Pettis Co R-XII (E)	x			x	x				Donald Stratton
Sedalia 200	x	x		x	x	x	x		Dr. Tony Spencer
St James R-I		x		x	x				Ronald Fitch
Newburg R-II	x			x	x				Peggy Gray
Rolla 31	x	x	x	x		x	x		Dr. Nicholas Ginos
Phelps Co R-III (E)	x			x	x				Bob Rensch
Bowling Green R-I	x			x	x				Argil Ellison
Pike Co R-III	x			x	x				Dale Miller
Louisana R-II	x	x		x	x				Ono Monachino
North Platte R-I	x		x						Michael Newell
West Platte R-II	x			x	x			x	Glen Brown
Platte Co R-III	x			x					Terry Michael
Park Hill R-V	x	x	x	x	x		x		H. Allen Shockley
Bolivar R-I	x	x		x	x				Richard Trout
Fair Play R-II	x	x				x		x	Gary Boggs
Halfway R-III	x		x		x	x	x		Larry King
Humansville R-IV	x	x						x	Don Call
Marion C. Early R-V	x			x	x				Jim Horton
Pleasant Hope R-VI	x			x	x			x	Chris Blackburn
Swedeberg R-III (E)	x								Max Hoskins
Pulsaki Co R-IV	x	x		x	x			x	Mark Mitchell
Laquey R-V	x		x	x	x				Renae Gregory
Waynesville R-VI	x	x		x	x		x		Susan Morris
Dixon R-I	x			x	x			x	Norman Herren
Pulaski Co R-II	x			x	x			x	Rex Roberts
Putnam Co R-I	x	x		x	x			x	John Maulsby
Ralls Co R-II	x	x		x	x				Michael Lewton
Northeast R-IV	x			x	x		x	x	Gary Wood
Renick R-V (E)	x			x	x				Donald Peebles
Clark R-VI (E)	x			x	x	x			Dr. James Kern
Higbee R-VIII	x	x		x		x	x		James Farmer
Westran R-I	x								James Otten
Moberly	x	x		x	x			x	Pamela Williams
Stet R-XV	x		x	x	x		x		Paula Sprouse
Lawson R-XIV	x	x		x	x				Steve Sellers
Orrick R-XI		x		x	x			x	Stephen Meyer
Hardin-Central C-2	x		x	x	x		x	x	Nancy Barry
Richmond R-XVI	x	x	x	x	x				Dr. Roy Cozad
So Reynolds Co R-II	x	x						x	Dr. Ron Kettler
Bunker R-III	x	x		x			x		Larry Graves
Lesterville R-IV	x			x	x				Paul Van Horn
Naylor R-II		x	x	x	x		x	x	Richard Eggers

DISTRICT	ACCESS			PURCHASE				STAND-ALONE	CONTACT
	SATELLITE	CABLE	ITFS	TV	VCR	COMPUTER	INTERACTIVE		
Ft Zumwalt	x	x		x	x		x		Dr. Larry Higgins
Francis Howell		x	x				x		Toni Grovier
Wentzville R-IV			x	x	x				Larry Smith
St Charles		x	x	x	x				Jack Cody
St Charles Co R-V			x						Gerald Reisinger
Appleton City R-II	x	x		x	x				Terry Fisher
Roscoe C-1 (E)			x	x	x		x	x	Cliff Hayes
Lakeland R-III	x			x	x				James Lewis
Osceola	x			x	x				Don Neidt
Bismarck R-V	x	x			x		x		Jerry Milligan
Farmington R-VII	x	x		x			x		Bill Bratberg
North St Francis Co R-I	x			x	x				Kenneth Owen
Central R-III	x			x	x				Mary Faircloth
West St Francis Co R-IV	x	x		x					Dr. Claude Lynch
St Genevieve R-II	x			x	x				Earl Wilson
Coffman R-V (E)	x			x	x				Clay Whitener
Hazelwood	x	x	x	x			x		Dr. Jim Bimes
Ferguson-Florissant R-II	x	x	x	x	x		x		Robert Manges
Pattonville R-III		x							Susan Biggs
Rockwood R-VI		x	x	x	x		x		Tom Krebs
Kirkwood R-VII		x	x	x	x				S. Fred Hawkins
Lindbergh R-VIII		x	x	x			x		Dr. Victor Lenz
Mehlville R-IX		x	x	x	x		x		Dr. Ronald Paul
Parkway	x	x	x	x	x	x	x		Barbara Noble
Afton		x	x				x		Dr. Norman McGee
Bayless		x	x	x	x				Dr. Allan Ellis
Brentwood		x	x	x	x	x	x		Steve Bradley
Clayton		x	x	x			x		Ronald Marx
Hancock Place		x	x	x	x	x		x	Al Bourisaw
Jennings			x	x	x		x		Dr. Tom Jaeger
Ladue	x	x	x	x			x		Warren Green
Maplewood-Richmond Hts			x	x	x				Madeline Rourke
Normandy	x		x	x			x		James Sebanc
Ritenour			x					x	Paul Doerr
Riverview Gardens		x	x	x	x				Dr. Robert Oker
University City		x					x		James Murray
Valley Park		x	x						Sandy Sagan
Webster Groves		x	x	x	x	x	x		Ron Carr
Wellston	x			x	x				Vivian McCollum
Special School Dist		x	x				x		Edward Radford
Miami R-I (E)	x		x	x	x				Cheryl Sanders
Orearville R-IV (E)			x						Gene Neff
Malta Bend R-V		x	x	x	x	x			Jerry Cochran
Hardeman R-X	x			x	x				Jackie Wilkerson

DISTRICT	ACCESS			PURCHASE				STAND-ALONE	CONTACT
	SATELLITE	CABLE	ITFS	TV	VCR	COMPUTER	INTERACTIVE		
Gilliam C-4	x	x		x	x				C. Jean Dowell
Marshall	x	x		x	x				Michael Stinson
Sweet Springs R-VII	x	x		x	x				Dave Friel
Schuyler Co R-I	x	x		x	x			x	Linda Berry
Scotland Co R-I	x	x		x	x		x		Charlene Fisher
Scott City R-I		x		x					Douglas Berry
Chaffee R-II	x	x		x	x				Dr. Dorothy Mang
Scott Co R-IV	x			x					Michael Johnson
Scott Co R-V	x			x	x				Awa Wright
Sikeston R-VI	x	x		x	x				Dr. R. L. James
Kelso C-7 (E)	x								Darryl Sauer
Scott Co R-III	x	x		x	x			x	Jack McIntosh
Winona R-III		x		x	x				Roy Greene
Eminence R-I	x	x		x	x			x	Jim Keeling
Shelby Co C-1	x				x			x	Dale Wallace
Shelby Co R-IV	x							x	Tim Dunaway
Richland R-I	x			x	x				Jimmie Lawrence
Bell City R-II	x			x	x			x	Don Abner
Advance R-IV	x	x		x	x				Terry Percy
Puxico R-VIII	x	x		x	x				Kenneth Tipton
Bloomfield R-XIV	x	x		x				x	Robert Noyes
Dexter R-XI	x	x		x	x				Joe Nichols
Bernie R-XIII	x				x				Phil Dawson
Hurley R-I	x	x	x		x			x	Tom McGuire
Galena R-II		x		x	x				David Burns
Crane R-III		x		x	x				Susan Rundel
Reeds Spring R-IV	x		x	x	x				LaVetrice Lewis
Blue Eye R-V	x			x	x				Speedy Branstetter
Green City R-I	x	x							Cheryl Kemp
Milan C-2	x			x	x				Dan Van Ingen
Bradleyville R-I	x			x	x	x		x	Russ Hunt
Taneyville R-II (E)	x								Lyle Rowland
Forsyth R-III	x		x	x	x	x	x		Joan Earl
Branson R-IV	x	x	x	x	x				Allen Meyer
Hollister R-V	x			x	x				Darrel Boyer
Mark Twain R-VIII (E)	x		x	x	x				E. J. Fowler
Success R-VI (E)	x			x	x				Leon Slape
Houston R-I		x		x	x				Terry Reid
Summersville R-II		x		x	x				Mike McAdams
Licking R-VIII	x			x	x				Dr. Russell Ford
Cabool R-IV	x			x	x				Vicki Woods
Plato R-V	x			x	x			x	James Carlton
Raymondville R-VII (E)		x		x	x				Lloyd Little

DISTRICT	ACCESS			PURCHASE				STAND-ALONE	CONTACT
	SATELLITE	CABLE	ITFS	TV	VCR	COMPUTER	INTERACTIVE		
Metz	x		x		x				
Walker						x	x	x	Bill Malone
Nevada	x			x	x			x	Trish Swope
Bronaugh R-VII	x		x	x	x			x	Jerry Sparks
Sheldon R-VIII	x				x	x		x	Phyllis Sprenkle
Schell City R-I	x	x		x	x				Richard Harrison
Wright City R-II		x		x		x	x		Cheri Joyce
Warren Co R-III	x				x	x			Dr. James Dishman
Potosi R-III	x			x	x				Dr. Gary Schach
Greenville R-II	x	x			x	x			Mary Bangert
Clearwater R-I	x	x		x	x				Willard Laxton
Niangua R-V	x			x	x				Roy Manion
Marshfield R-I	x			x	x				Dr. Jack Howard
Seymour R-II	x			x					Dr. Dane Allen
Worth Co R-III	x	x		x	x			x	Dale Healy
Norwood R-I	x			x	x				Leon Pendergrass
Hartville R-II	x			x	x				Bob Dryer
Mountain Grove R-III	x	x		x	x				Dan Lawson
Mansfield R-IV	x	x		x	x				Frank Rowles
St Louis City	x			x	x				Philip Brody

IHE	ACCESS				SPECIAL USES OF VIDEO	CONTACT
	SATELLITE	CABLE	ITFS	OTHER		
University of Missouri					Development of video classrooms	David Dunkin
Columbia	x	x			Satellite-delivered coursework in Engineering	Dr. Virginia Pearson
Rolla	x			x	Institutional Network for program delivery	Jim Fay
St Louis		x		x	Video Network, National 2-way audio/visual presentations	Thomas Brenneman
Kansas City	x	x		x	Community service programming down-link	Gary Scott
Lincoln University	x				Faculty development through teleconferences	Dr. Joseph Ryan
Northwest Missouri	x				Development of Campus Television Network	A. Gary Ellis
Southwest Missouri	x	x			Emphasis on English Literature and business coursework	Dr. Myra Norman
Southeast Missouri	x	x			Utilization of NUTN teleconferences for faculty/students	Mary Durrill
Central Missouri	x				Establishment of video/data classrooms	Dave Rector
Northeast Missouri	x	x			Teleconferences for community and staff	Dr. Marvin Fielding
State Fair Community College	x				Coursework delivered via local cable TV	Donald Hays
East Central College	x	x			Establishment of ITFS network for local schools	Richard Massa
Missouri Southern		x			Distribution of programming through local cable system	Robert Harrison
Jefferson College	x	x			Faculty use of interactive video	Dr. Carol Ballantyne
St Charles Co Community College	x	x			Development of interactive classrooms	Dr. Ted Rohr
St Louis Community College	x		x		Creation of a video communications center	Max Schlesinger
Missouri Western	x	x			Broadcast of adult education program (PACE)	Kristina Barber
Metro Community Colleges	x	x			Use of video projector for group presentations	Leslie Rivers
Moberly Area Junior College	x				Small Business Development Center community programming	Collins Henson
Mineral Area College	x				Use of teleconferences for business and nursing	Barbara Schade
Crowder College	x		x		Development of campus fiber optic system	Dr. James Selby
North Central Missouri College	x					